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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/681,231	10/09/2003	Won-Hie Choi	P3050/CNL	6493

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EXAMINER

KHAIRA, NAVNEET K

ART UNIT	PAPER NUMBER
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3754

DATE MAILED: 02/01/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Interview Summary	Application No.		Applicant(s)	
	10/681,231		CHOI ET AL.	
	Examiner		Art Unit	
	Navneet Sonia Khaira		3754	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Navneet Sonia Khaira. (3) _____
 (2) Peter Kwon. (4) _____

Date of Interview: 13 January 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference
 c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.
 If Yes, brief description: _____

Claim(s) discussed: Claims 1-6 were cancelled and replaced with new claims 7-12.

Identification of prior art discussed: Independent claim 1 was dicussed in relation to the prior art of White (US 5,988,415 and Leipold (US 5,819,994).

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

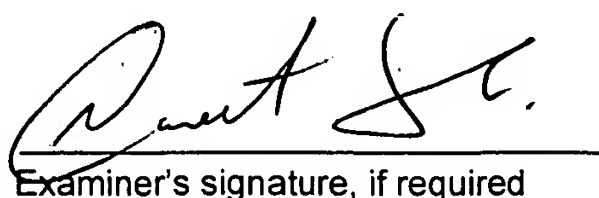
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: An agreement was reached to cancel claims 1-6 after a review and replace them with claims 7-12 as set forth in the attachment .

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.



MICHAEL MAR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700



Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

CLAIM AMENDMENT

Cancel Claims 1 to 6.

7. (new) An improved non-spill water bottle cap for preventing water spillage when a water bottle is inverted to place on a water dispenser, said improved non-spill water bottle cap comprising:

a cylindrical transparent plastic tube (10) with a series of holes (10a) linearly arranged along a half circumference, and at a mid portion of said cylindrical transparent plastic tube (10),

a spherical float (20) disposed within said cylindrical transparent plastic tube (10) to control said water flow therethrough,

a plastic cap head (30) having a mouth opening, integrally formed with a front end of said cylindrical transparent plastic tube (10) to cap onto a port of said water bottle,

an edge frame (11) disposed at a rear end of said cylindrical transparent plastic tube (10) for retaining said spherical float (20) within said cylindrical transparent plastic tube (10),

an annular flange (13) circumferentially arranged a series of peepholes (13a) therein, located along an edge of said mouth opening of said plastic cap head (30) for retaining said spherical float (20) within said cylindrical transparent plastic tube (10), and

an annular sealing ridge (12) integrally and circumferentially formed a semi-spherical shaped segment on a front inner wall portion of said plastic tube for momentarily blocking the water flow path by contacting said spherical float (20) when the water bottle is inverted to place on the water dispenser.

8. (new) An improved non-spill water bottle cap as claimed in claim 7, wherein said annular flange (13) is oriented obliquely inward at the mouth of said plastic cap head (30) and

the series of peepholes (13a) are located along the center of the annular flange (13) for allowing flow of air and water.

9. (new) An improved non-spill water bottle cap as claimed in claim 7, wherein said annular sealing ridge (12) for momentarily blocking the water flow is disposed on the inside wall of said cylindrical transparent plastic tube (10) and adjacent to said annular flange (13).

10. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein the diameter of said annular sealing ridge (12) is approximately one-fifth smaller than that of said spherical float (20) and said annular sealing ridge (12) is disposed at a location corresponding to approximately one-fourth the diameter of said spherical float (20) from the mouth of said plastic cap head (30).

11. (new) An improved non-spill water bottle cap as claimed in claim 9, wherein said annular sealing ridge (12) and the tip of said annular flange (13) are designed to simultaneously contact the spherical float (20) by water pressure for momentarily blocking the water flow path of the water bottle.

12. (currently amended) An improved non-spill water bottle cap as claimed in claim 7, wherein the diameter of said cylindrical transparent plastic tube (10) is approximately one-fifth larger than that of said spherical float (20) for flow of air and water.